

CLAIMS

1. An organic EL device comprising an emission layer containing an organic EL dye formed by linking a light-emitting group Y represented by the general formula: (Y-
5 L) n X m to a charge-transporting group X, wherein X represents a charge-transporting group, which is a hole-transporting group selected from the group consisting of an anthracene group, a phenanthrene group, a pyrene group, a fluorene group and a biphenylene group, or an electron-
10 transporting group being a monocyclic or polycyclic aromatic group containing a heteroatom,

Y represents a light-emitting group and is one species selected from the group consisting of polycyclic aromatic compounds, cyclopentadiene derivatives, oxadiazole
15 derivatives, coumarin derivatives, distyrylpyrazine derivatives, acridone and derivatives thereof, quinacridone and derivatives thereof, stilbene derivatives, oxadiazolopyridine derivatives, imidazole derivatives, oxa(thia)diazolopyridine derivatives, thiadiazole derivatives
20 and tetraphenylthiophene derivatives, L is a linking group bonding the charge-transporting group and the light-emitting group, and m and n are respectively an integer not less than 1.

25 2. The organic EL device according to claim 1,

wherein said electron-transporting group is a naphthalenediimide group or a phenyldiimide group.

3. The organic EL device according to claim 1,
5 wherein said L is represented by the general formula $A_1-R_1-A_2$ (2), wherein A_1 is a first bonding group to be bonded to said charge-transporting group and consists of a heteroatom, A_2 is a second bonding group to be bonded to said light-emitting group and consists of any one species
10 selected from the group consisting of a substituted or unsubstituted alkyl group, ether group, thioether group, a substituted or unsubstituted imino group, amide group and ester group, and R_1 is a spacer group linking the first bonding group with the second bonding group and consists
15 of an alkylene group or an alkylene group containing a heteroatom on a main chain.